SILVERCREST®

HOME TECH

Digital HD Sat Receiver

with HDMI connector and CI bay

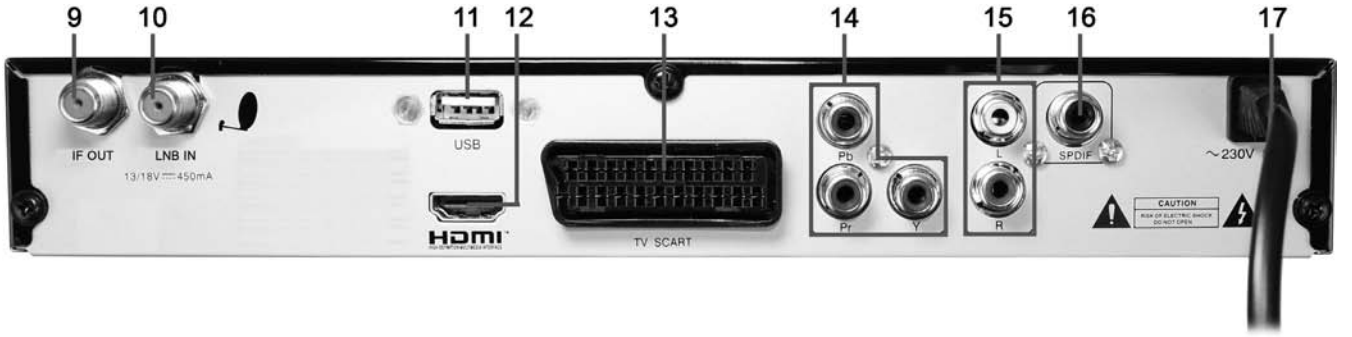
GB **Digital HD Sat Receiver**

IE **with HDMI connector and CI bay**

User manual and service information

SSR 1080 A1

1
2
3
4
5
6
7
8
ON/OFF
USB/REC.
3000
SILVERCREST


9
10
11
12
13
14
15
16
17
IF OUT
LNB IN
13/18V 450mA
USB
HDMI
TV SCART
Pb
Pr
Y
L
R
SPDIF
~230V
CAUTION

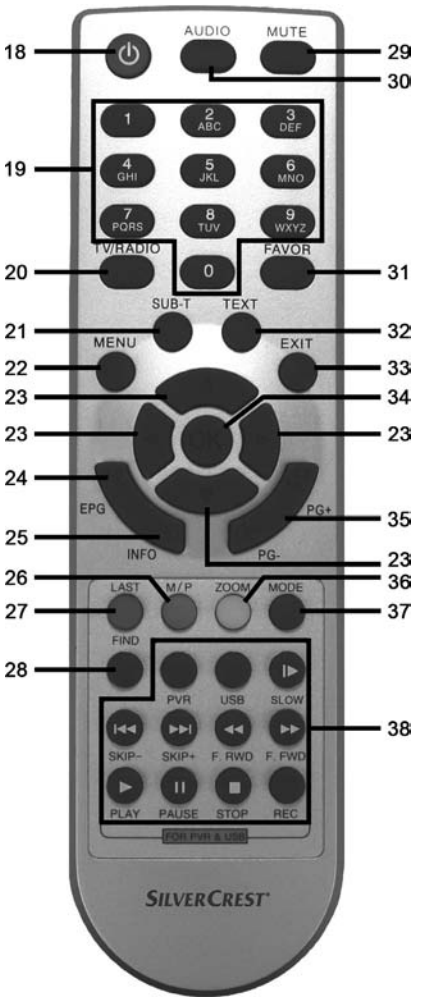

18
AUDIO
MUTE
29
30
19
1
2 ABC
3 DEF
4 GHI
5 JKL
6 MNO
7 PQRS
8 TUV
9 WXYZ
0
20
TV/RADIO
FAVOR
31
21
SUB-T
TEXT
32
22
MENU
EXIT
33
23
34
24
EPG
PG+
35
25
INFO
PG-
26
LAST
M/P
ZOOM
MODE
36
27
37
28
FIND
PVR
USB
SLOW
38
SKIP-
SKIP+
F. RWD
F. FWD
PLAY
PAUSE
STOP
REC
FOR PVR & USB
SILVERCREST

Table of Contents

Safety Instructions 4
Operating Environment 4
Notice on Mains Separation 5
Batteries 5
Cables 5
Children and Persons with Disabilities 5
Repair and Maintenance 6
Intended Use 6
Copyright 6
Storing When Not Using the Product 6
Conformity Notice 7
Disposal of Old Devices 7
Introduction 7
Package Contents 7
Overview 8
Controls and buttons 8
Connectors and sockets 8
Remote control 9
Getting Started 10
Inserting the Batteries into the Remote Control 10
Connecting the Satellite Receiver 11
USB Connection 11
HDMI Connection 12
OSD Menu 13
OSD Menu - Simple Mode 14
Edit Channel 14
Favourite 14
System Setup 14
Local Time Setting 14
Timer Setting 14
Other 14
Tools 15
Information 15
USB 15
Remove USB device safely 15
Game 15
Tetris 15
Othello 15

Sudoku 15
Media 15
OSD Menu - Expert Mode 16
Edit Channel 16
TV Channel List 16
Radio Channel List 18
Delete all 18
Save as Default 18
Installation 18
Antenna Connection 19
Satellite List 19
Antenna Setup (Fixed Antenna) 20
Antenna Setup (Motor Antenna) 21
Single Satellite Search 23
Multi Satellite Search 24
TP List 24
System Setup 25
Language 25
TV System 26
Display Setting 27
Local Time Setting 27
Timer Setting 27
Parental Lock 28
OSD Setting 29
Favourite 29
Other 29
Tools 30
Information 30
Factory Setting 30
S/W Upgrade by OTA 30
Common Interface 31
Upgrade By USB 31
Save to USB 32
USB 33
Remove USB device safely 36
Game 37
Tetris 37
Othello 37
Sudoko 37
Media 38

Record Manager....38
HDD Information....39
HDD Format....39
DVR Configuration....39
Jump....40
Daily Use....41
Operation....42
EPG - Electronic Program Guide....42
EPG Info....42
Schedule....42
EPG Timer....43
Programme Information....44
Selecting Audio Channels....44
Adjusting the Volume....44
Selecting Channels....44
Using the Numeric Buttons....45
Using the Program List....45
Displaying Subtitles....45
Teletext....45
Enlarging the TV Picture....45
Appendix....46
Troubleshooting....46
Technical Specifications....47
Warranty Information....48

Safety Instructions

Before you use this device for the first time, please read the following notes in this manual and heed all warnings, even if you are familiar with handling electronic devices. Keep this manual safe for future reference. If you sell the device or pass it on, it is essential that you also hand over this manual.

This icon denotes important information for safe operation of the product and for the user's safety.

This icon denotes further information on the topic.

Operating Environment

Position the device on a stable, even surface and do not place any heavy objects on the device. The device is not designed for use in environments with high temperatures or humidity (e.g. bathrooms), and must be kept free of dust. Operating temperature and operating humidity: 5ºC to 35ºC, max. 85 % RH.

Always make sure that

- there is free circulation of air (do not place the device on shelves, on a thick carpet, on a bed, or anywhere that obstructs the ventilation slots, and leave at least 10cm clearance on all sides);
- no direct heat sources (e.g. radiators) can affect the device;
- no direct sunlight or bright artificial light reaches the device;
- contact with spray, dripping water and corrosive liquids is avoided and the device is never operated near water; in particular the device may never be immersed in liquids (do not place any objects containing liquids, such as vases or drinks, near the device);
- the device is never placed in the immediate vicinity of magnetic fields (e.g. loudspeakers);
- no fire hazards (e.g. burning candles) are placed on or near the device;
- no foreign bodies enter the device;
- the device is not subject to any great temperature changes as this may cause moisture through condensation and short-circuit;
- the device should not be subject to excessive shocks and vibrations.

Notice on Mains Separation

The On/Standby button (18) does not fully disconnect the device from the mains. The device consumes electricity in the Standby mode. In order to completely disconnect the device from the mains, the power plug must be pulled out from the wall outlet. The device should be positioned in such a way that ensures direct and unobstructed access to the wall outlet so that the power plug can be immediately pulled out in an emergency situation. To avoid the risk of fire if the device is not going to be used for a long while (e.g. during holidays), it should always be disconnected from the power socket. Before stormy weather when there is the danger of lightning, disconnect the device from the power supply.

Batteries

Insert the batteries with the correct polarity. Do not try to recharge any non-rechargeable batteries and do not throw batteries into the fire. Do not mix batteries (old and new or carbon and alkaline, etc.). Remove the batteries when the device is not to be used for a long time. Non-intended use may cause explosion and danger to life. Respect the environment! Old batteries do not belong in with domestic waste! They must be handed in to a collection point for waste batteries.

Cables

Unplug all cables by holding the plugs and never pull on the cables themselves. Never place the appliance, pieces of furniture or other heavy objects on the cables and take care that these do not become trapped, especially at the plugs and sockets. Never tie knots in the cable and do not tie it together with other cables. All cables should be positioned so that nobody can trip over them or be obstructed by them. A damaged power cord can cause a fire or an electric shock. Inspect the power cord from time to time. Never use adapter plugs or extension cables that do not comply with the current safety regulations in your country, and do not modify any of the power cords or electrical installations yourself!

Children and Persons with Disabilities

Electrical devices do not belong in the hands of children. People with disabilities should only use electrical devices in appropriate circumstances. Do not allow children or persons with disabilities to use electrical devices when not under supervision. They may not comprehend the presence of potential risks. Batteries and small parts represent potential choking hazards. Keep the batteries in a safe place. If a battery is swallowed, seek medical help immediately. Keep the packaging away from children and persons with disabilities too as there is danger of suffocation.

Repair and Maintenance

Repairs are required when this device has been damaged in any way, for example, when the power plug, power cord or housing is damaged, when liquid or objects have entered the device, when the product has been exposed to rain or moisture, when the product does not work normally or if the product has been dropped. If you notice any smoke, unusual noise or strange smells, switch off the device immediately and pull the plug from the wall outlet. In these cases the device should no longer be used and should be inspected by authorized service personnel. Please contact qualified personnel when servicing is needed. Never open the housing of the device. Opening the housing exposes you to lethal electric shocks. Only use a clean, dry cloth for cleaning. Never use any corrosive liquids. Do not attempt to open the housing of the device, otherwise you will void your warranty.

Intended Use

This is a consumer electronics device. The SilverCrest SSR 1080 A1 is a pure digital receiver for receiving unscrambled satellite programmes. It requires a digital-enabled satellite antenna. It may only be used for private use, not industrial or commercial purposes. Furthermore, the device may not be used outdoors or in tropical climates. Only cables and external devices that comply with safety standards and the electromagnetic compatibility and shielding quality of this device may be used. This device fulfils all that relates to CE Conformity, relevant norms and standards. Any modifications to the device may result in these directives no longer being met. The manufacturer is not liable for any damage or interference resulting from non-compliance with the above instructions. Only use the accessories recommended by the manufacturer. Any use other than that mentioned above does not correspond to the intended use.

If you are not using the device within the Republic of Germany, you must observe the regulations and laws in the country of use.

Copyright

The entire content of this User’s Manual is copyrighted and is provided to the reader for information purposes only. Copying data and information without prior explicit written approval by the author is strictly forbidden. This also applies to any commercial use of the contents and information. All texts and diagrams are up-to-date as per the date of print release.

Storing When Not Using the Product

When left unused for a long period of time, unplug the power cord from the mains and remove the batteries from the remote control. Also make sure that the storage temperature is maintained between 5 C and 40 C. The humidity must not exceed 90% RH.

Conformity Notice

This device complies with the basic and other relevant requirements of the EMC Directive 2004/108/EC, the Low-voltage Directive 2006/95/EC and the ErP Directive 2009/125/EC. The corresponding Declaration of Conformity can be found at the end of this User's Manual.

Disposal of Old Devices

Devices marked with this symbol are subject to the European Directive 2002/96/EC. All electric and electronic devices must be disposed of separately from household waste at official disposal centres. With proper disposal of old devices you avoid damage to the environment and your personal health. For further information about proper disposal, contact your local government, disposal bodies or the shop where you bought the device.

Respect the environment. Old batteries do not belong in with domestic waste. They must be handed in to a collection point for waste batteries.

Recycle the packaging material properly too. Cardboard packaging can be taken to paper recycling containers or public collection points for recycling. Any film or plastic contained in the packaging should be taken to your public collection points for disposal.

Introduction

Thank you for purchasing this satellite receiver SilverCrest SSR 1080 A1. The SilverCrest SSR 1080 A1 is a pure digital receiver for receiving unscrambled satellite programmes. It requires a digital-enabled satellite antenna. This satellite receiver features a high-end HDMI output for connecting to plasma, LCD or LED TV sets. The digital video signal offers optimum picture quality. You will clearly notice an enhanced sharpness and deepness compared to signals transferred via a conventional SCART (Euro AV) connection. Thanks to the USB port you can connect any USB storage devices for recording and playing back any TV and radio programmes. Furthermore the device features a PCMCIA standard CI slot and supports the Viaccess, AlphaCrypt, Conax, Crypto Works, Irdeto, Aston/Seca encryptions and any compatible systems.

Package Contents

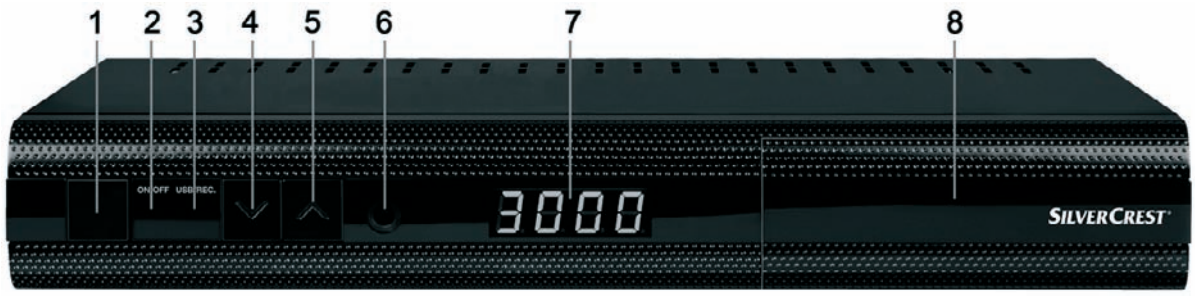
Please check that delivery contents are complete using this list:

- Digital HD Satellite Receiver SilverCrest SSR 1080 A1
- Remote control
- 2 brand-name batteries type AAA, 1.5V (Micro)
- This User's Manual

If you find any items missing or damaged, please phone our hotline. You will find the corresponding phone number in the last chapter “Warranty Information”.

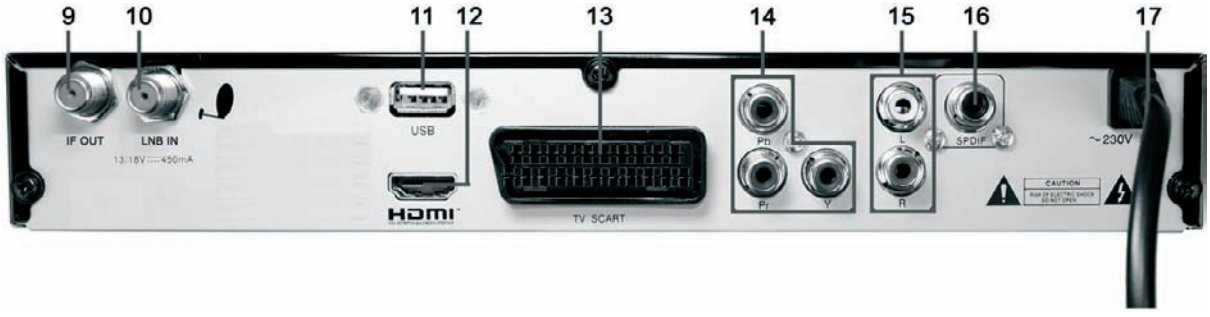
Overview

Controls and buttons



1 Power switch
2 Power LED
3 USB/REC LED
4 Previous channel / menu navigation
5 Next channel / menu navigation
6 Infrared sensor
7 4-digit display
8 CI slot (behind the cover)

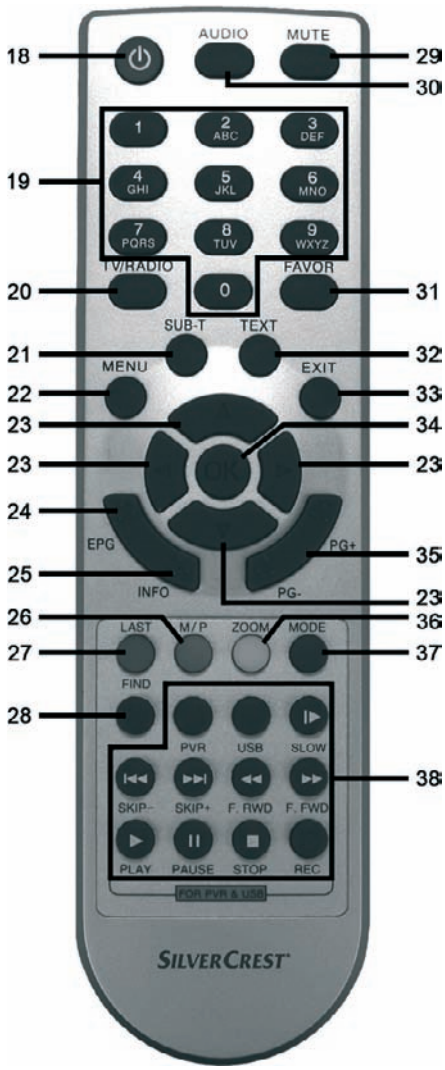
Connectors and sockets



9	**IF OUT**	To connect another satellite receiver*
10	**LNB IN**	LNB input of the satellite system
11	**USB**	USB port, max. 500 mA
12	**HDMI**	HDMI connector to connect a TV set
13	**TV SCART**	SCART connector to connect a TV set
14	**YPbPr**	Component video output for connecting a TV set or beamer
15	**L/R**	Stereo audio output for connecting a Hifi system
16	**SPDIF**	Digital audio output (coaxial)
17	**~230V 50Hz**	Power cord 230VAC/50Hz

* Please note than when connecting your SilverCrest SSR 1080 A1 satellite receiver and another external satellite receiver to the IF OUT (9), your SilverCrest SSR 1080 A1 will be the device defining the (horizontal or vertical) polarisation. This means that the satellite receiver connected to the IF OUT (9) will only be able to receive channels broadcast with the corresponding polarisation.

Remote control



18 On/Standby

19 **Numeric buttons 0 - 9:** To switch to a specific channel and to enter numeric values or passwords, or to edit any channel names or favourite lists.

20 **TV/Radio:** Toggles between TV and radio mode.

21 **SUB-T:** Displays the subtitles (if available).

22 **MENU:** Opens the menu.

23 **Navigation buttons** in a menu: ▲▼,◀▶.
To switch channels up or down: ▲▼.
Or to adjust the sound volume: ◀▶.

24 **EPG:** Electronic Program Guide

25 **INFO:** To display information.

26 **M/P:** Thumbnail preview: Displays 9 preview images of the USB storage device contents. Navigation via the ▲▼ navigation buttons and PG+/PG-.

27 **LAST:** Toggles between the two last viewed channels.

28 **FIND:** To search for a specific channel from the Program List via the 0-9/A-Z buttons.

29 **MUTE:** To mute or to restore the audio volume.

30 **AUDIO:** Displays all available audio channels.

31 **FAVOR:** Shows a list of your favourite channels.

32 **TEXT:** Launches the Teletext display.

33 **EXIT:** Quits the menu.

34 **OK:** To confirm a menu selection.

35 **PG-/PG+:** Up or down navigation through the Program List. For page-by-page scrolling whenever programme information, favourite or any other list is shown on screen.

36 **ZOOM:** To zoom the picture. Press the navigation buttons to move the enlarged screen area.

37 **MODE:** To change the HDMI resolution from 480i up to 1080i.

38 **For use as a PVR when used together with a USB storage device:**

PVR	Opens a list containing all recordings stored on the connected USB storage device.
USB	Opens a list containing all picture and music files stored on the connected USB storage device.
SLOW	Slow-motion playback of recordings.
SKIP-	Skips backwards in adjustable time intervals or skips to the previous bookmark.
SKIP+	Skips forward in adjustable time intervals or skips to the next bookmark.
F.RWD	Press this button multiple times to rewind playback at different speeds.
F.FWD	Press this button multiple times to fast forward playback at different speeds.
PLAY	Playback of multimedia files and recorded contents.
PAUSE	Pauses the TV programme, the multimedia file or recorded contents playback. For more information, see "Timeshift". Frame-by-frame playback of recordings.
STOP	To stop playback or recording.
REC	Press to start recording a TV or radio programme immediately.

Getting Started

Inserting the Batteries into the Remote Control

WARNING! Do not use rechargeable batteries to power the remote control. The higher power supplied by rechargeable batteries may cause fire.

Insert the supplied batteries into the remote control, as shown in the figure below. Take care to insert the batteries into the remote control observing the correct polarity (+ and –).

- Open the battery compartment on the underside of the remote control.
- Insert the supplied batteries (size AAA) into the remote control with the correct polarity (see the illustration).
- Close the battery compartment.

Remove the batteries from the remote control when you are not going to use the device for a long period of time otherwise the remote control may become damaged by leaking batteries.

Connecting the Satellite Receiver

You should only connect your satellite receiver to the mains once all other cable connections have been made. This will avoid any accidental damage to the satellite receiver or any external devices.

A Connect the LNB of the satellite antenna to the LNB IN (10) of your satellite receiver.*

B Connect the TV set (or beamer) to the HDMI connector (12) of your satellite receiver (see page 12 – HDMI Connection).

C If your TV set (or beamer) does not feature any HDMI port, you can use the TV SCART (13) terminal to connect it to the satellite receiver.

D Furthermore, you can connect your TV set (or beamer) to the Component Video output YPbPr (14) of your satellite receiver.

E You can use the IF OUT (9) output of your satellite receiver to connect another satellite receiver.

F Thanks to the USB port (11) you can connect any USB storage devices for recording and playing back TV and radio programmes.

G In order to obtain good sound quality, you can use the L/R stereo outputs (15) of your satellite receiver to connect an external Hifi amplifier.

H If your amplifier features a coaxial SPDIF connector, you can use the SPDIF (16) terminal to connect it to the satellite receiver.

I Connect the power cord (17) to a wall outlet after you have finished connecting all cables.

*If you want to use the device with satellite systems capable of receiving more than one satellite, a DiSEqC® LNB must be used instead of a universal LNB.

USB Connection

When connecting a device that has no external power supply, make sure that the total current consumption for the USB power supply does not exceed 500mA otherwise the USB devices may fail or even cause damage to occur to the satellite receiver. USB storage devices requiring more than 500mA of current such as hard disks with a USB Y cable or hard disks with an external power adapter should be connected to an external power source in order to avoid any damage to the satellite receiver or the USB storage device.

You can connect devices such as an external USB hard disk to the USB port, allowing recording and playback of TV and radio programmes when properly connected.

Please note that compatibility issues may occur, as there are many different computer hard disks and a variety of IDE/SATA-to-USB adapters on the market. Should you experience any compatibility problems, we recommend that you try replacing the hard disk with a different one.

The USB interface of your satellite receiver remains idle when the satellite receiver is in Standby mode, so that timer recording from Standby mode is possible at all times. This means that the hard disk is still powered from the USB port. If you are planning not to use the satellite receiver for a long time we recommend that you disconnect the satellite receiver and the hard disk from the power supply.

First-Time Setup:

If it is still powered on, power the device off by using the power button (1) on the front panel. Connect the USB hard disk to the USB port (11) located on the back panel of the satellite receiver and power the satellite receiver back on. Shortly after the satellite receiver powers on, the message "USB device is connected!" will appear on the screen.
If this does not happen, please first double-check in Menu (Simple Mode or Expert Mode) | Media | HDD Information if the satellite receiver has detected the hard disk.

In order to open the advanced menu you may need a password. The factory-default password is: **0000**.

If no hard disk information is shown, you will need to format the hard disk with a compatible file system for your satellite receiver. To do this, press the Menu button (22) and then press the ▲ or ▼ navigation buttons (23) to select the "Expert Mode" item and finally select "Media". Select the "HDD Format" item. Next press OK (34) to confirm and another window opens. If the hard disk is divided into multiple partitions, you can choose which partition should be formatted. Select the option “HDD Format” and press OK (34) to confirm the start of formatting. A safety prompt will appear. Select whether you want to format your hard disk using the "FAT" or the "NTFS" file system, or select "Cancel" to cancel.

CAUTION! Formatting the hard disk will erase all data stored on it. After the hard disk has been formatted, press the EXIT button (33) to quit the menu and then select "HDD Information". Here you can display the available storage on the hard disk. To avoid any loss of data, you should never disconnect the hard disk from the satellite receiver while the devices are on. First switch the satellite receiver to Standby mode before disconnecting the hard disk.

Targa does not assume any liability for loss of data or damage resulting from the use of the USB interface.

The total recording time depends on the size of the hard disk but also on the recorded programmes.

HDMI Connection

Use an HDMI cable to connect your satellite receiver to the TV set. This connection type guarantees an optimum and loss-free transmission of the video and audio signals to the TV Set. As soon as a TV set is connected to the satellite receiver using an HDMI cable, your satellite receiver will toggle automatically to the HDMI signal output.

You can press the MODE button (37) to optimise the screen resolution for HDMI mode. Please note that the picture may disappear when switching the resolution. So that you are aware of the current resolution setting, the resolution will be shown briefly on the display (7) of the device (e.g. 480i, 720P, 1080). For optimum resolution on a modern flat-screen display we recommend using the 1080i_50 or 720p_50 setting.

When establishing this connection type, we recommend that you use both a SCART (Euro AV) as well as an HDMI cable, as many TV sets do not have the HDMI input enabled by default. Via the conventional SCART cable you will always be able to access the setup menus and customise settings if no picture appears on the display.

Video and Audio Signal Connection:

All required settings can be found in the section "System Setup" (see page 25).

The following video signals are supported:

HDMI: The HDMI output guarantees optimum video and audio quality. Note: This device has a standardised HDMI output. However, it is possible that picture or sound distortion may occur when connecting devices of first-generation HDMI input interfaces.

In such cases you can select one of the following connection options:
RGB: Very good picture and sound quality via a common (21-pin) SCART (Euro AV) cable.
YUV: High-end picture output via the 3 "YPbPr" Cinch-type connectors for connecting a TV set or beamer.

Dolby Digital Sound (AC3)

Please note that Dolby Digital sound, if broadcast by the tuned-in channel, will only be available on the digital audio output and HDMI output whenever these are connected to an external AV receiver.

OSD Menu

Once you have fully read the Safety Instructions and have finished connecting the devices as described, you can power it on. The satellite receiver has already been configured in factory so that no or only a few changes need to be made.

You can use the OSD (On Screen Display) menu to customise your satellite receiver according to your needs. To open it, press the MENU button (22). To quit the OSD menu, press the MENU button (22) or the EXIT button (33) as many times as necessary to hide all menus. The OSD menu is clearly structured and any buttons that you may need to press to adjust a setting will be shown on screen. Navigating the OSD menu is controlled via the navigation buttons (23).

For greater user-friendliness, the OSD menu has been subdivided into the Simple Mode and Expert Mode sections. The basic functions of your satellite receiver can be found in Simple Mode while all functions can be found in Expert Mode. These are explained in more detail in the following pages. Press the MENU button (22) and select Expert Mode to display the main menu. From this menu you can open different submenus allowing you to adjust some of your satellite receiver's settings. You can customise the OSD menu appearance, add or remove channels, customise the satellite receiver for your satellite system, install new software via satellite antenna and much more. However, it is also possible to miss-set some parameters and obtain a blank screen. Therefore you should read the following instructions carefully.

In order to open the advanced menu you may need a password. The factory-default password is: **0000**.

Opening and Navigating the Submenus

After opening the main menu, the last-selected menu will still be highlighted. Press the ◀ or ▶ (23) navigation buttons to toggle between the main menu and the submenu items. Press the OK button (34) to open the submenus. Press the ▲ or ▼ (23) navigation buttons to highlight the desired submenu item and then press OK (34) to open it.

Closing the Menus

The menus either close automatically after confirming your settings with OK (34) or you can close all opened submenus sequentially by pressing EXIT (33) or MENU (22) multiple times.

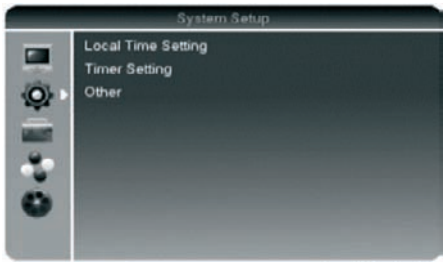
OSD Menu - Simple Mode

Edit Channel

To edit any existing TV and radio channels. The procedure will be the same for both TV and radio channels. Editing the Program Lists is possible in Expert Mode only. A description of how to edit the TV or Radio Channel List can be found on page 16.

Favourite

You can add your favourite channels to a separate list. Pressing the FAVOR button (31) gives you quick access to your favourite channels. Select the desired channel and then press the FAVOR button (31). Press the OK button (34) to add the selected channel to one or more favourite lists. Deleting is performed in the same way.



System Setup

Local Time Setting

In order for the time to be displayed correctly and for any timer recording to start at the desired time, it is necessary to double-check and edit the Local Time Setting if necessary. In Simple Mode, only the Summer Time edit function is available.

Timer Setting

You can program up to 30 timer events: for example, any programmes you don't want to miss or you want to record to a connected USB storage device. A description of the timer setting can be found on page 27.

Other

Sleep Timer

The device goes into standby automatically after the set time. The following settings are available:
Off • 10 Min • 30 Min • 60 Min • 90 Min • 120 Min.

Tools

The Tools section contains lots of helpful information and functions to keep your satellite receiver up-to-date.

Information

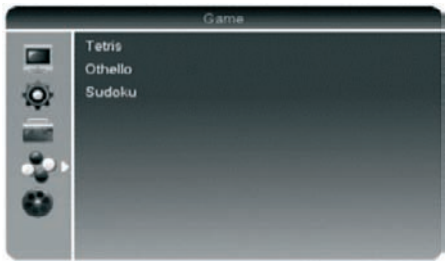
Shows information about the software version of your satellite receiver. You will need this information when contacting Technical Support.

USB

A description of the USB menu can be found on page 33.

Remove USB device safely

In order to avoid any loss of data on your USB storage device, you should never disconnect it from the satellite receiver but should first shut it down from this menu item. This is a safe way to avoid any loss of data.



Game

The following classic games are for your entertainment:

Tetris

Othello

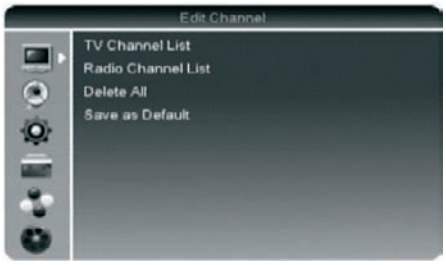
Sudoku

Media

A description of the Media menu can be found on page 38.

OSD Menu - Expert Mode

In order to open the advanced menu you may need a password. The factory-default password is: **0000**.



Edit Channel

To edit any existing TV or radio channels. The procedure is the same for both TV and radio channels.

TV Channel List

You can add TV channels to favourite lists as well as move, lock, sort or edit them. Press the ◀ or ▶ (23) navigation buttons to select the satellite and the favourite list (e.g. Movie, Sport, etc.). Press the PG-/PG+ buttons (35) to scroll page by page through the channel list. When quitting by using the EXIT button (33) a dialogue box will prompt you if you want to save the changes.

Favourites - FAV

You can add your favourite channels to a separate list. Pressing the FAVOR button (31) gives you quick access to your favourite channels. Select the desired channel and then press the FAVOR button (31). Press the OK button (34) to add the selected channel to one or more favourite lists. Deleting is performed in the same way.

Lock

You can lock a channel against unauthorised access (e.g. when the channel broadcasts content not suitable for children). In this case access is possible only after entering the password. Press the red button (27) and mark the channel to be locked by pressing the OK button (34). Next enter the correct password (default password: 0000). Note: To use the lock function, enable the Channel Lock from the “Parental Lock” menu.

Skip

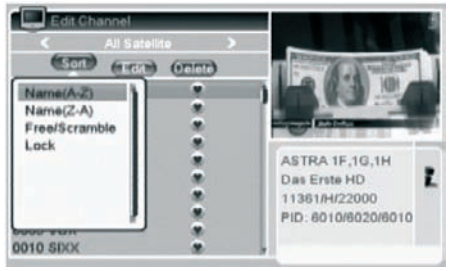
It is possible to have specific channels skipped when switching channels via the ▲ or ▼ navigation buttons (23). Press the green button (26) and mark the desired channel by pressing the OK button (34). Note: You can still watch a channel that has been marked for skipping by directly selecting it via the numeric buttons (19).

Move

Press the yellow button (36) and mark the desired channel by pressing the OK button (34). Press the ▲ or ▼ navigation buttons (23) to move the channel to the desired position and press OK (34) to confirm.

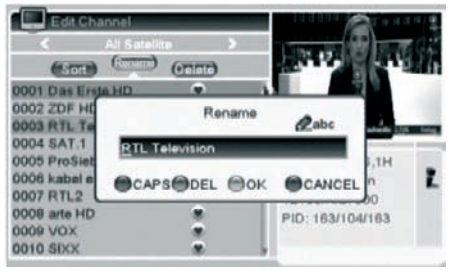
Edit

To edit existing TV and radio channels such as sorting, editing (renaming) and deleting press the blue button (37).



Sort

Press the red button (27) to sort the selected channel list. There are different sort criteria available: "Name(A-Z)" and "Name(Z-A)" (alphabetical), "FTA/Scrambled" (free TV channels before scrambled channels) and "Lock" (locked channels at the end of the list). Note: When quitting the menu and confirming the sorting, the previous sorting order cannot be restored!



Rename

Press the green button (26) and select the desired channel by pressing the OK button (34). Input the desired number via the numeric buttons (19). The coloured buttons will correspond to the following functions:

CAPS (red button):	Toggles between capital and small letters.
DEL (green button):	Delete character
OK (yellow button):	Save name
CANCEL (blue button):	Quits the menu without saving.

Delete

Press the blue button (37) and mark the channels to be deleted by pressing the OK button (34). Press the OK button (34) again to undo the selection. When quitting, a safety prompt will ask you if you want to save the changes.

Radio Channel List

To manage the radio channels. The procedures do not differ from the items described under TV Channel List.

Delete all

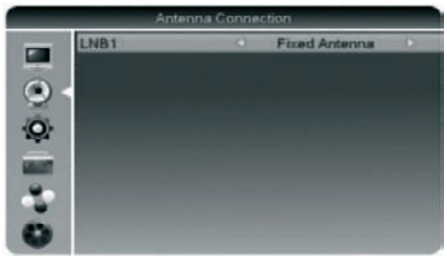
The "Delete All" function will erase the entire channel list and is useful when reinstalling the satellite receiver and you are planning to launch an automatic channel search.

Save as Default

Your satellite receiver already has a built-in channel order and satellite list that you may edit, if required. After performing a factory reset or after upgrading the software the channel order will be reset to factory default and all custom settings will be lost. To keep your custom channel order you can select the "Save as Default" function. This will help you keep your custom order after a reset or software upgrade. However, you can also save different channel list versions on a USB disk and restore at a later time (see page 32 - Save to USB).

Installation

The Installation menu contains all required settings for customising the device to the satellite system and for saving your channels.



Antenna Connection

Motor Antenna or Fixed Antenna

If you want to use the device with satellite systems capable of receiving more than one satellite, a DiSEqC LNB must be used instead of a universal LNB.

If you have a motor-driven antenna, select the "Motor Antenna" option from the Antenna Connection menu. If you do not have a motor-driven antenna, select "Fixed Antenna".

Satellite List

The Satellite List contains all preset satellites.

Satellite

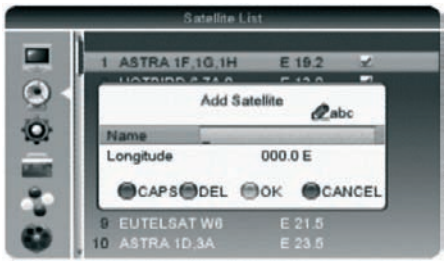
Press the OK button (34) to select the desired satellite. You can also rename the satellite, add new satellites or remove a satellite position.

Edit Satellite

Select a satellite from the list and press the red button (27) to edit its name or geographical longitude. Input the desired number via the numeric buttons (19). Press the ◀ or ▶ navigation buttons (23) to toggle between the E and W longitude.

More important on-screen buttons:

Space:	[0]
Delete character:	[Green]
Save:	[Yellow]
Cancel:	[Blue]
Capital/small letters:	[Red]



Add Satellite

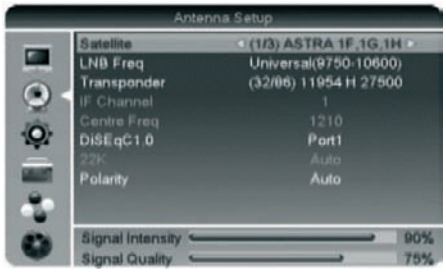
Press the green button (26) to add a new satellite. Input the desired number via the numeric buttons (19).

Press the ◀ or ▶ navigation buttons (23) to toggle between the E and W longitude. Input the longitude via the numeric buttons (19).

Delete

Select a satellite from the list and press the blue button (37) to remove it. A safety prompt will appear "Are you sure to delete?". Select "Yes" to delete the satellite or select "No" to cancel.

An accidentally deleted satellite can be restored by restoring the factory-default settings (see page 30).

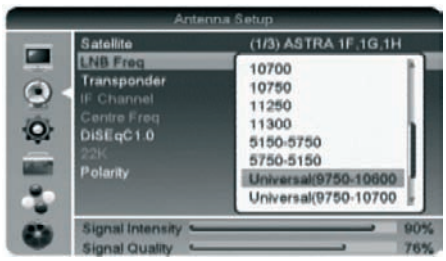


Antenna Setup (Fixed Antenna)

To successfully launch a channel search, you need to adjust your satellite receiver to the installed antenna. The following settings apply to fixed satellite antennae. If you have chosen the "Motor Antenna" option from the "Installation | Antenna Setup | LNB1", please read the "Antenna Setup (Motor Antenna)" chapter.

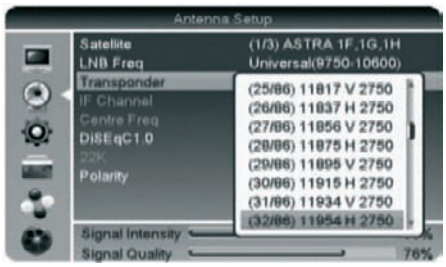
Satellite

Please choose the satellite whose settings you want to edit.



LNB Freq

Normally the option Digital should be the right choice for all common LNBs. Please select the next settings only if explicitly instructed to do so in the antenna installation manual.



Transponder

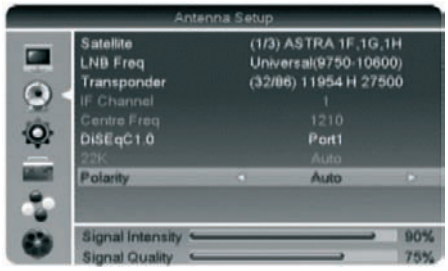
Choose a transponder for the selected satellite. You can use the Signal Intensity and Signal Quality indicators to verify that all settings are correct.

DiSEqC 1.0

DiSEqC allows channels to be received from multiple satellites at different orbit positions. For instance, instead of using two LNBs pointing to two different satellites (e.g. ASTRA and HOTBIRD), you can use a DiSEqC LNB and a DiSEqC switch. You can then choose "Port1" for the ASTRA position and "Port2" for the HOTBIRD position. The device supports the control of 2, 4, 8 or 16-way switches as well as DiSEqC-compatible multiswitches. Note: Some DiSEqC switches are labelled using letters (A, B, C, D, etc.) instead of numbers. However, the order is identical.

22K

The 22 kHz signal is used to switch the frequency band for a universal LNB (off = Low Band, 22 kHz = High Band). If you have chosen the LNB Type "Digital", switching is performed automatically. If you are not using a conventional LNB, you will need to adjust this setting manually here.



Polarity

Satellites broadcast signals with vertical and horizontal polarity. It is recommended that you select the AUTO option, as this will enable receiving both polarities. However, under some special circumstances it may be necessary to choose either the horizontal (H) OR the vertical (V) polarity (for instance, if the different parties of a building share the same antenna system).

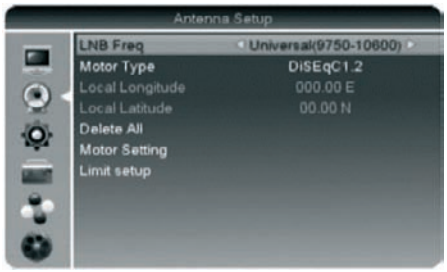
Signal Level Indicators

Signal Intensity

The Signal Intensity indicator shows the total input signal strength.

Signal Quality

The signal quality is an indicator of interference-free reception. Orientate your antenna so that the Signal Intensity and Signal Quality reach their maximum.



Antenna Setup (Motor Antenna)

To successfully launch a channel search, you need to adjust your satellite receiver to the installed antenna. The following settings refer to motor-driven satellite antenna systems. If you have chosen the "Fixed Antenna" option from the "Installation | Antenna Setup | LNB1", please read the "Antenna Setup (Fixed Antenna)" chapter.

LNB Freq

Normally the option Digital should be the right choice for all common LNBs. Please select the next settings only if explicitly instructed to do so in the antenna installation manual.

Motor Type

If you are using a rotating satellite antenna, select the motor type here. If you are not sure whether you have a DiSEqC 1.2 or DiSEqC 1.3 (USALS) motor, please check the User's Manual of your antenna motor.

Local Longitude / Local Latitude

If you are using a USALS-compatible motor you can enter the local coordinates of your satellite antenna in longitude and latitude (e.g. Hamburg 010.03 E and 53.57 N). Press the ◀ or ▶ navigation buttons (23) to toggle between the E and W longitude and N and S latitude.

Delete all

When using a DiSEqC 1.2 satellite system you can erase all stored satellite positions. Once deleted, you will have to program the positions again for DiSEqC 1.2 to work properly.

Motor Setting

Satellite
Select the desired satellite to set up your motor-driven antenna. Note: If no satellites appear at this point, you can add them from the Satellite List menu.

Transponder
To find the satellite you can also choose a preset transponder.
Note: You can omit the following steps if you are using a USALS motor. The satellite positions will be saved automatically.

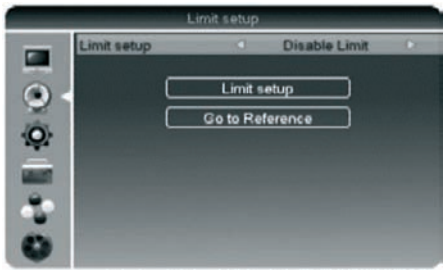
Position No.&Save
Assign a position number for each satellite. Important: Once the satellite has been set up successfully, you must confirm the number by pressing OK (34) at this point.

Go to X
To make the search for any more satellites easier, you can directly move to positions that have been saved in the list. The "Reference" value represents the centre position and should be orientated to the South.

West/East
Press the ◀ or ▶ navigation buttons (23) to move the antenna to the West or to the East. Please always monitor the signal level indicators. Note: If no signal level is indicated during search, please select a different transponder.

Recalculation
Calculates the internal counter for the different satellite positions based on the centre position reference value (South). It is possible that deviation occurs during long-term use by rotating, mechanical tolerances, and external factors (wind).

Signal Level Indicators
Signal Intensity
The Signal Intensity indicator shows the total input signal strength.
Signal Quality
The signal quality is an indicator of interference-free reception. Orientate your antenna so that the Signal Intensity and Signal Quality reach their maximum.



Limit setup
You can limit the rotation angle of your antenna to protect it against any damage from obstacles. Under Limit setup select the desired direction (West or East). The following setting will define the maximum rotation angle of your antenna. To rotate, press the ◀ or ▶ (23) navigation buttons. Press the OK button (34) to confirm both limits in sequence. To move the antenna back to the centre position, select "Go to Reference" and press the OK button (34) to confirm. The message "Please wait for moving dish to

reference point!" will appear. You can cancel this process by pressing the OK button (34).

Single Satellite Search

Satellite

Choose a preset satellite from the list. If the desired satellite does not appear in the list, please add it as described in the "Satellite List" chapter.

FTA Only

Here you can choose whether to store unscrambled channels only or also scrambled channels. Select "Yes" to filter for unscrambled channels.

Scan Channel

Here you can choose whether to search for TV and/or radio channels.

Network Search

The ASTRA (19.2° East) and HOTBIRD (13° East) satellites offer a network search. They broadcast a table (NIT = Network Information Table) containing all available channels. This allows the satellite receiver to obtain information about all channels.
Note: If you have set the "Scan Mode" item to "Auto Scan" this option is not editable.

Scan Mode

Auto Scan

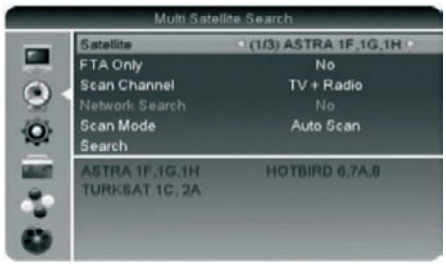
To perform an automatic search for all transponders of a satellite.

Preset Scan

Performs a search of all preset transponders.

Search

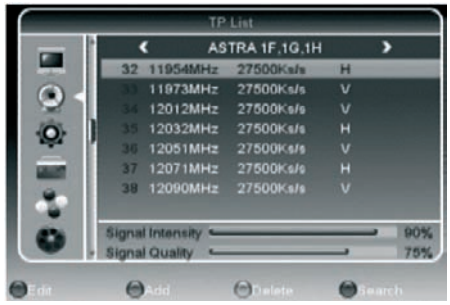
To launch the search, highlight the "Search" item and then press the OK button (34).



Multi Satellite Search

Satellite

Overview of all satellites to be scanned during multi satellite search. For more information about the available settings, please read the previous chapter "Single Satellite Search".



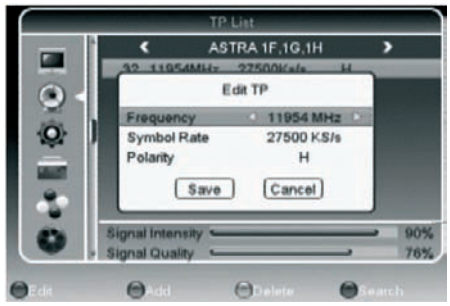
TP List

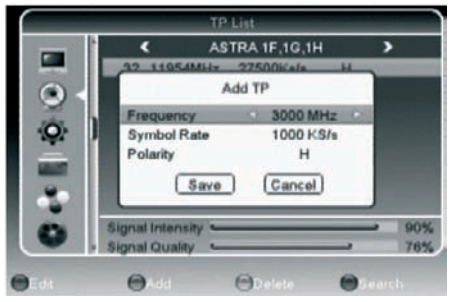
To browse a single transponder. This search method is helpful if you only want to save a specific channel or a specific set of channels. You will find the corresponding parameters (broadcasting frequencies, etc.) on the Internet or in specific magazines.

Satellite selection

Press the ◀ or ▶ navigation buttons (23) to select a preset satellite.

Press the red button (27) to edit a transponder, press the green button (26) to add a new transponder or press the yellow button (36) to delete the current transponder. To browse the transponder of the selected satellite, press the blue button (37).





Edit TP/Add TP

Frequency

Enter the frequency of the satellite transponder. Press the numeric buttons (19) to edit the values directly or press the ◀ or ▶ navigation buttons (23) to edit them step by step.

Symbol Rate

The most common symbol rates of satellite transponders use the 27500 KS/s or 22000 KS/s values. Press the numeric buttons (19) to edit the values directly or press the ◀ or ▶ navigation buttons (23) to edit them step by step.

Polarity

Satellites broadcast signals with vertical and horizontal polarity. Select the desired polarity H (horizontal) or V (vertical). Note: The most common notation such as 12480H means: Frequency 12480 MHz and H for horizontal polarity.

Select "OK" to apply the settings or select "Cancel" to cancel.

Delete TP

To delete a highlighted transponder, press the yellow button (36). A safety prompt "Are you sure to delete?" appears. Select "Yes" to delete the transponder or select "No" to cancel.

TP Search

To browse a highlighted transponder, press the blue button.

FTA Only

Here you can choose whether to store unscrambled channels only or also scrambled channels. Select "Yes" to filter for unscrambled channels or select "No" to save all channels.

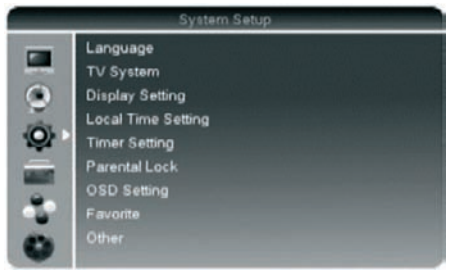
Scan Channel

Here you can choose whether to search for TV and/or radio channels.

Network Search

Here you can choose whether to perform a network search or not.

Select "OK" to start the search or select "Cancel" to cancel.



System Setup

The System Setup menu lets you customise your satellite receiver to the connected TV set as well as adjust the menu and audio language, the clock, parental lock, etc.

Language

The Language submenu allows you to choose the menu display language as well as the preferred audio languages.

Language

Select the desired language for the on-screen menus. To do this, press the ◀ or ▶ (23) navigation buttons.

First Audio

Select the audio language that you want to listen to for any programmes being broadcast with multiple audio languages (if available).

Second Audio

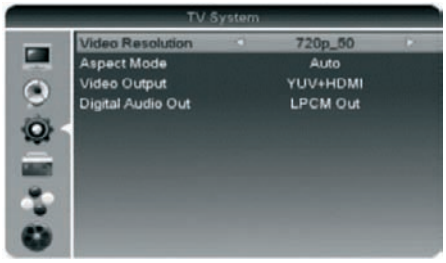
Select the audio language that you want to listen to for any programmes being broadcast with multiple audio languages (if available) whenever the first audio language is not available. If none of the two preferred languages is available, the programme's default audio language will be used.

Subtitle Language

Some programmes are broadcast with multilingual subtitles. Select the desired language.

Teletext

Select the desired language for multilingual Teletext contents.



TV System

To adjust the satellite receiver to the TV set.

Video Resolution

Here you can optimise the picture resolution for HDMI output. Please note that the picture may disappear when switching the resolution. For optimum resolution on a modern flat-screen display we recommend using the 1080i_50 or 720p_50 setting. You can also choose from the options "By Source" (depends on the channel) and "By Native TV" (automatic adjustment to the TV set's capabilities).

Aspect Mode

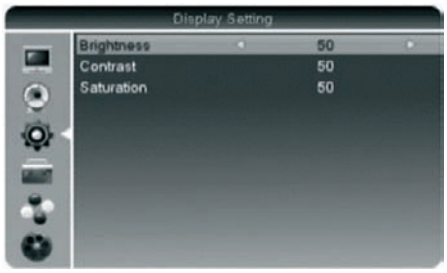
If your TV set has a 16:9 aspect ratio screen, select 16:9. For 4:3 screens you can choose from the 4:3PS (Pan & Scan) or 4:3LB (Letterbox) settings. Selecting Pan & Scan will show all 16:9 programmes with no black bars at the top and bottom of the picture. This will enlarge the overall picture; however, the left and right picture borders will be truncated. The Letterbox setting will display the entire picture, but black bars will appear at the top and bottom when programmes broadcast in 16:9 format are received.

Video Output

Sets the type of video signal to be used. The option RGB guarantees a high colour accuracy and picture sharpness through the separate transmission of the red, green and blue colour channels. The HDMI option will offer the maximum available picture quality.

Digital Audio Out

Here you set how the digital sound output via HDMI or SPDIF should be processed. Select “LPCM Out” to code the data with LPCM: or select "BS Out" if you want to send the data as raw data (unprocessed) to your AV receiver.



Display Setting

Brightness

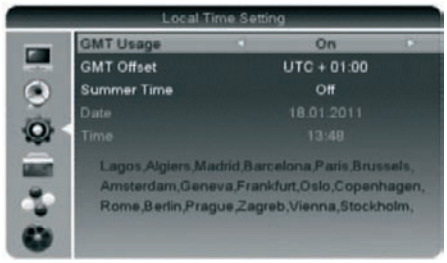
Press the ◀ or ▶ navigation buttons (23) to adjust the picture brightness for the HDMI output.

Contrast

Press the ◀ or ▶ navigation buttons (23) to adjust the picture's overall brightness/darkness relationship (contrast) for the HDMI output.

Saturation

Press the ◀ or ▶ navigation buttons (23) to adjust the picture colour intensity for the HDMI output.



Local Time Setting

In order for the time to be displayed correctly and for any timer recording to start at the desired time, it is necessary to double-check and edit the Local Time Setting if necessary.

GMT Usage

GMT is the abbreviation of Greenwich Mean Time and is the reference value for the different time zones. While GMT usage is disabled, you can set the time manually.

GMT Offset

The GMT offset for most European countries is ,depending whether daylight saving is being used or not, +1 or +2 hours.

Summer Time

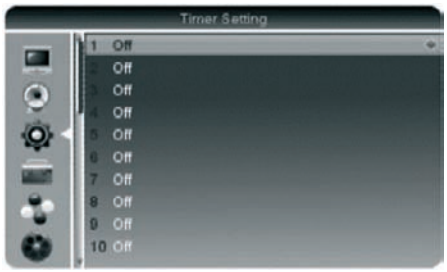
Here you can enable or disable daylight saving (summer time).

Date

To enter the date manually (only while GMT is disabled).

Time

To enter the time manually (only while GMT is disabled).



Timer Setting

You can program up to 30 timer events. For example, any programmes you don't want to miss or you want to record to a connected USB storage device.

Timer Mode

The Timer Mode determines how often the timer will be activated: Once, Daily, Weekly or Monthly. Select "Off" to disable the timer completely.

Timer Service

Select "Channel" if you want to watch a specific programme. The satellite receiver will then switch to the selected channel at the set time. Select "Record" if you want to record the programme on the connected USB storage device.

Wakeup Channel

Here you can set a channel to be watched or recorded after the device is switched on.

Wakeup Date

Enter the desired power-on date via the numeric keys (19).

On Time

Enter the 4-digit start time of the programme via the numeric keys (19).

Duration

Enter the 4-digit duration of the programme via the numeric keys (19). For a programme that lasts 90 minutes, enter 01:30 (1 hours and 30 minutes).

While the timer is enabled, the device will not go to the energy-saving standby mode when powering it off. This is indicated by the time shown on the display, as long as it has not been disabled.

Parental Lock

You can lock the menu and any channels broadcasting content that is unsuitable for children against unauthorised access. In this case access is only possible after entering the 4-digit password. The factory-default password is: 0000.

Menu Lock

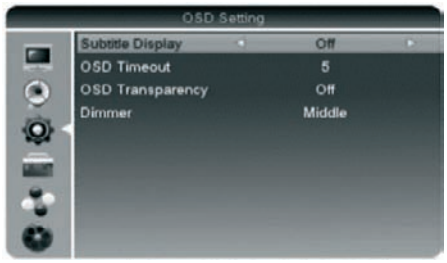
To protect the Expert Mode menu section, set the Menu Lock to "On". If you do not want to password-protect the Expert Mode menu section, select "Off".

Channel Lock

If the Channel Lock has been enabled ("On"), any channels that have been locked in "Edit Channel" menu can be watched only after entering the password. If you do not want to lock any channels, select "Off".

New Password
To change the preset password 0000, enter a new password here.

Confirm Password
Confirm the new password. Please make sure you remember the password or keep it in a safe place.



OSD Setting

This menu allows you to adjust the appearance of the on-screen menu.

Subtitle Display
Select "On" if you want to show any subtitles (if available) for a programme. Select “Off” to disable the subtitles.

OSD Timeout
You can have the OSD menu visible for between 1 to 10 seconds.

OSD Transparency
You can set the OSD menu transparency between 10% (background slightly visible) and 40% (high transparency), or select "Off" if you do not want the OSD menu to appear transparent.

Dimmer
To set the brightness of the display (7) on the device.
Off - Low - Middle - High

Favourite

This menu allows you to rename the ten favourite lists. Select the desired entry and press the OK button (34). Press the navigation buttons (23) to highlight the desired on-screen keyboard characters and then press OK (34) to apply them. The yellow button (36) toggles between capital and small letters. The red button (27) allows you to erase characters and the blue button (37) saves the settings. To cancel, press the EXIT button (33).

Other

LNB Power
This option is used to supply power to the LNB and allows switching polarity. Note: We recommend that you have the LNB Power always on, otherwise you are explicitly instructed to disable this function. This is rarely the case in larger community building antenna installations.

Channel Play Type
Choose if you want to watch unscrambled (FTA), scrambled or all saved channels.

Beeper

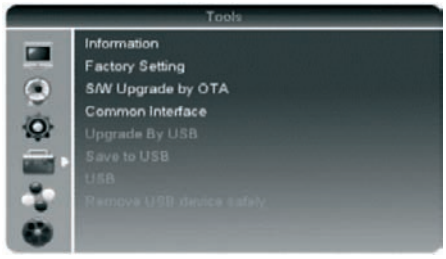
The beeper is helpful when orientating the antenna to a satellite, The higher the sound, the stronger the signal intensity is. You can listen to the beeper by selecting "On" and opening the Antenna Setup menu. To disable the beeper, select “Off”.

Auto Standby

This function powers the device off automatically if it has been accidentally left on. If set to "On", the satellite receiver will power off automatically after approx. 3 hours if no input has been made via the remote control or via the buttons on the device. Select “Off” to disable the auto power-off function.

Sleep Timer

The device goes into standby automatically after the set time. The following settings are available:
Off • 10 min • 30 min • 60 min • 90 min • 120 min.



Tools

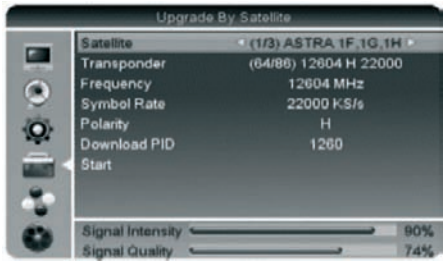
The Tools section contains lots of helpful information and functions to keep your satellite receiver up-to-date.

Information

Shows information about the software version of your satellite receiver. You will need this information when contacting Technical Support.

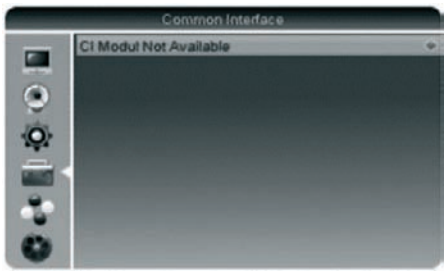
Factory Setting

This function lets you restore the factory default settings of your device. Warning: This will erase all changed values and stored channels that have been modified after the first-time setup.



S/W Upgrade by OTA

The most up-to-date software can be obtained (as soon as available) via the ASTRA (19.2° East) satellite. If necessary, you can check if any software update is available. Press the ▲ or ▼ navigation buttons (23) to select "Start" and then press the OK button (34). Searching and loading may take several minutes. Please do not change these settings, unless you are instructed to do so by our Customer Service.



Common Interface

To be able to watch scrambled channels you will need a special CI module for decoding. There are multiple coding algorithms on the market and you will need a specific smart card for the channel or channel set that you want to watch. Your TV service provider will inform you about the coding algorithms, decoding and prices.

The satellite receiver features a PCMCIA standard CI slot and supports the Viaccess, AlphaCrypt, Conax, Crypto Works, Irdeto, Aston/Seca encryptions and any compatible systems. Power the satellite receiver off prior to inserting the CI module. Insert the channel provider's smart card into the CI slot.

After powering the satellite receiver on, the CI module will initialise and you should be able to decode the scrambled channels without any problem. If this does not happen, contact your channel provider to see if the signal needs to be unlocked for you first.

The Common Interface menu lets you select the detected CI module and perform further settings for the CI module.
Note: The available settings, information and language depend on the inserted CI module. Please make sure you read the Operating Instructions of the module manufacturer and of the channel provider.

CI+ standard modules are not supported!

Upgrade By USB

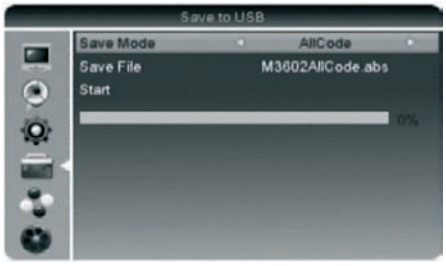
This item allows you to upgrade your satellite receiver software. This method is faster than upgrading via satellite and is also recommended if there is currently no software update available via satellite. Go to www.silvercrest.cc to download the software and save it on the USB storage device (please read the download instructions).

Upgrade Mode

Select the “Allcode” option to update the software.

Upgrade File

Select the corresponding file then select "Start" and press the OK button (34) to launch the update. Follow the on-screen instructions and do NOT power the device off or unplug the power cord from the wall outlet otherwise permanent damage to your device may occur.



Save to USB

Save Mode

There are three different types of files that you can backup on a USB storage device.

AllCode

The entire satellite receiver software, for example to backup older versions before performing an update. You cannot edit this file, you can only restore it. It is recommended that you rename the default file "M3602AllCode.abs" with a date suffix after performing the backup.

Radioback

No function.

defaultdb (Channel and Satellite List)

You can load the entire channel and satellite list to a USB storage device, copy it to a computer and edit the order, etc. Once edited, you can re-import the channel list via the "Upgrade By USB" command. You can download the channel list editor from our website www.silvercrest.cc

USB

After connecting a USB storage device, a screen containing a folder structure and the current data stored on the USB storage device appears.

You can open this menu by pressing the USB button (38) on the remote control also. Please note that only MP3 and JPG file formats can be played back.

The icons in this overview have the following meaning:

Indicates that the root folder of the storage device is currently opened.

Indicates that a subfolder is currently opened. If you enable this item (press the OK button (34)) the satellite receiver will move one folder up.

Indicates that the current file is an MP3 audio file.

Indicates that the current file is a JPG picture file.

Indicates that another subfolder exists at this level.

The contents of the current folder will be repeated in random order.

The contents of the current folder will be repeated in sequential order.

The current song will be played back repeatedly.

Elapsed and remaining time of the current title.

Audio file playback control buttons equivalent to the buttons found on the remote control.

Title name, size and duration for audio titles.

Title name, size and picture information for image files.

Preview window for picture files. Shows a preview of the currently highlighted picture.

Preview window for audio titles.

Sorting

You can press the FIND button (28) to sort the files contained on the connected USB storage device. The following sorting options are available:
Default • Name(A-Z) • Name(Z-A) • Image 1st • Music 1st

Playing Back Picture Files

Use the navigation buttons (23) to select a picture from the overview and then press OK (34).

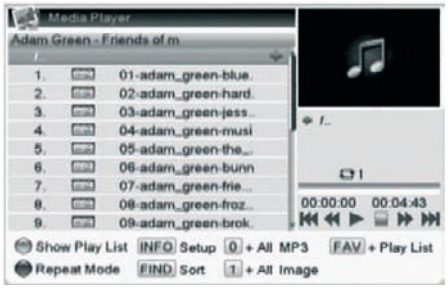
An automatic slide show will start from the selected picture,
This icon indicates that currently picture 8 of 13 is being displayed.

The following functions are available during picture playback:
Press the ▲ or ▼ navigation buttons (23) to skip to the next or previous file.
Press the ◀ or ▶ navigation buttons (23) to pause playback and rotate the picture clockwise or counter-clockwise.
Once the picture has reached the desired rotation angle, press the PLAY button (28) to resume playback.

Press the ZOOM button (36) during playback to pause the picture. You can then set the desired zoom ratio by using the ZOOM button (36) and move the enlarged screen area by pressing the navigation buttons (23).
Press EXIT (33) to quit the zoom mode. Playback resumes automatically.

M/P Thumbnail View

Press the green M/P button (26) to show up to 9 pictures at once. If there are more pictures in the current folder of the USB storage device, press the PG+/PG- buttons (35) on the remote control to scroll through the pictures. To view a specific picture in full-screen mode, press the navigation buttons (23) to select and then press the OK button (34).



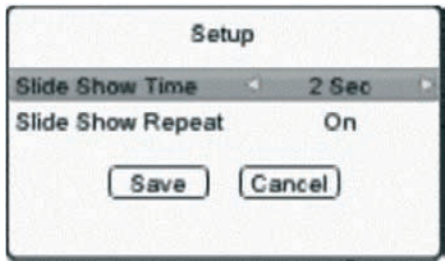
Playing Back Audio Files

Use the ▲ or ▼ navigation buttons (23) to select an audio file and then press OK (34). Playback depends on the currently selected repeat mode.

The default mode is "Play all files of the current folder in sequence". If you want to change it, press the blue button (37) to select the desired mode.

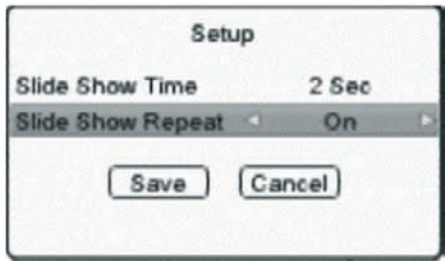
Setup for Play Lists

Before creating a play list, you should adjust the behaviour of the play list's default settings in Setup by pressing the INFO button (25).



Slide Show Time

Here you can set how long you want the picture to remain visible. You can choose a value between 1 and 9 seconds. To disable the slide show, select “Off”.



Slide Show Repeat

Choose whether you want to repeat the slight show or not.

After you have finished editing all settings, select OK to save them.

Play Lists

If you want to play back specific pictures or songs only, you can create a play list of the desired picture and audio files.

Adding All Images

To add all pictures contained in the current folder to the play list, press "1" on the remote control.

Add All Titles

To add all audio titles contained in the current folder to the play list, press "0" on the remote control.

Individual Files

If you only want to add specific titles or pictures, select the desired file and then press the FAVOR button (31) on the remote control. The file will be added to the list.

Playing Back Play Lists

Press the yellow button (36) and select whether you want to

play the Audio List (music) or the Image List (pictures).
Press the red button (27) to start playback, press the yellow button (36) to remove individual files from the list or press the blue button (37) to erase all files.
Note:
The files will be removed from the list and **not** deleted from the storage device.
Tip:
After you have created a music and an image list, start playing back the music list and then the image list. You will then obtain a slide show with background music.

Repeat
Here you can set the desired repeat mode for the selected files. Press the blue button (37) multiple times to change the mode.
The following options are available:

The contents of the current folder will be repeated in random order.

The contents of the current folder will be repeated in sequential order.

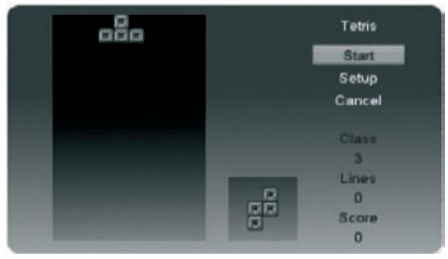
The current song will be played back repeatedly.

Remove USB device safely

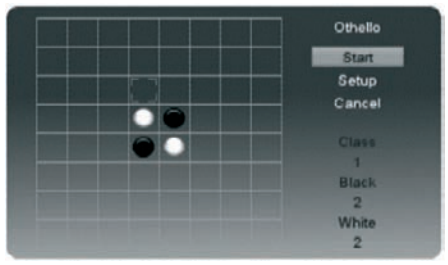
In order to avoid any loss of data on your USB storage device, you should never disconnect it from the satellite receiver but should first shut it down from this menu item. This is a safe way to avoid any loss of data.

Game

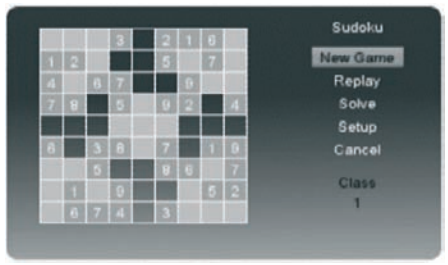
For your entertainment, there are 3 classic games to choose from.



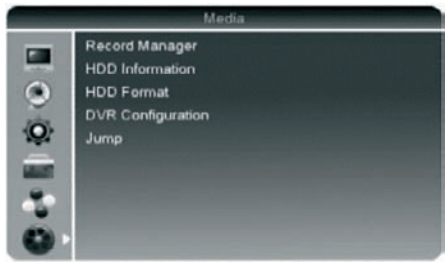
Tetris



Othello



Sudoko



Media

Record Manager

The Record Manager can also be opened by pressing the PVR button (36) on the remote control. This menu allows you to edit any previously-made recordings.

Record Manager
ZDF HD (DVR)
15:36~15:52 (00:16:05) 1601M
No. Date Time Channel
8 02.12 15:36~15:52 ZDF HD
9 02.12 17:28~17:34 ZDF HD
10 03.12 09:00~09:06 RTL Television
11 03.12 09:12~09:20 RTL Television
12 03.12 09:26~10:41 VIVA Germany
Lock Delete Rename

Lock

You can lock your recordings to prevent any accidental deletion or because their content is not suitable for children. Use the ▲ or ▼ navigation buttons (23) to select the desired recording and then press the green button (26). After you have entered your password, the file will be locked. It is only possible to play or delete the recording after entering the correct password.

Record Manager
ZDF HD (DVR)
15:36~15:52 (00:16:05) 1601M
No. Date Time Channel
8 02.12 15:36~15:52 ZDF HD
9 02.12 17:28~17:34 ZDF HD
10 03.12 09:00~09:06 RTL Television
11 03.12 09:12~09:20 RTL Television
12 03.12 09:26~10:41 VIVA Germany
Lock Delete Rename

Delete

To delete a recording, select the desired recording and then press the blue button (37). The recording will be marked and then deleted when quitting the menu.

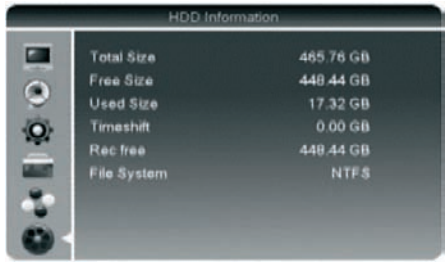
Note: in order to delete all recordings at the same time, you can format the connected USB storage device. Please note, however, that this procedure will also erase all other data from your storage device. See "HDD Format" on page 39.

Rename

To rename a recording, select the desired recording and then press the red button (27). Use the letters on the numeric buttons (19) of the remote control to enter the new name and press the yellow button (36) to confirm.

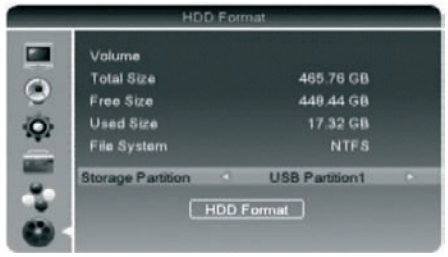
More important on-screen buttons:

Space:	[0]
Capital/small letters:	[Red]
Delete character:	[Green]
Save name.	[Yellow]
Cancel:	[Blue]



HDD Information

Shows information about the connected USB storage device. This example shows a 500GB hard disk connected to the satellite receiver.

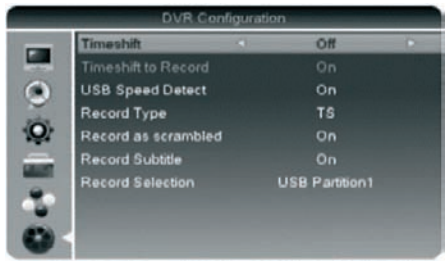


HDD Format

If the satellite receiver is unable to detect your USB storage device, you must first convert it into a compatible format. Select the "HDD Format" command and press the OK button (34).

CAUTION!

If you choose to format the USB storage device with the FAT or NTFS file system and you confirm the safety prompt, all data already stored on the storage device will be permanently deleted. If necessary, backup your existing data on a computer first. After formatting, you can consult the USB storage device status under HDD Information.



DVR Configuration

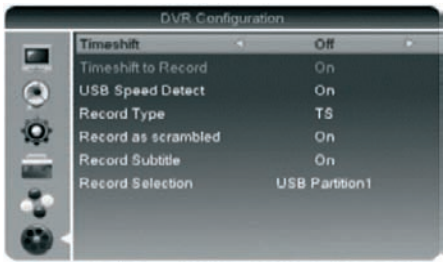
This menu allows you to adjust all recording-specific parameters.

Timeshift

Here you can specify if you want the satellite receiver to perform a permanent recording of the current channel so you can use functions like rewind, pause, etc. at any time. In this case, set the Timeshift function to "On". Please note that shortly after selecting this option the display will toggle from the channel number to "TSFT". Also, channel switching will be slower than without permanent Timeshift. To disable the Timeshift, select “Off”.

Timeshift to Record

If you set the Timeshift to Record function "On" you can press the REC button (38) on the remote control to save the current programme from the time at which you switched to the channel as a recording. Please note that this function also depends on the reserved storage space (TS file size). Thus, if the recording fails to start when you switched the channel, the TS file size was too small. The TS file size always depends on the total capacity of the connected USB storage device. Part of the storage device capacity will be reserved for the TS file size. To disable this function, select “Off”.



USB Speed Detect

Select "On" to perform a speed test of the connected USB storage device. This test will run in background while you use the USB storage device. If you have found the USB storage device to fulfil your needs on a daily basis, you can keep this option set to "Off" in order to hide any unnecessary messages and to increase performance.

Record Type

Select "TS" (Transport Stream) to keep the original format. Select "PS" if you want to obtain a computer-compatible format for playback. Converting will, however, remove some channel-specific information.

Record as scrambled

Pay TV contents can be recorded either scrambled or unscrambled. If you want to save the recording in scrambled format, select "On". To obtain a decoded (unscrambled) recording, select "Off".

Note: Scrambled recordings can be played back only after inserting the corresponding smart card with the CI module.

Record Subtitle

Some programmes are broadcast with subtitles. If you want to record these also, select "On". You can then display the subtitles during playback by pressing the SUB-T button on the remote control. To disable the recording of subtitles, select “Off”.

Record Selection

If the connected USB storage device has been divided into multiple partitions, you can use the ◀ or ▶ navigation buttons (23) to select the desired partition for recordings.

Jump

Here you can set the time interval to be skipped when pressing the SKIP buttons (38) on the remote control during playback of your recordings. The following settings are available:

30sec. • 1min • 5min • 10min • 30min

Daily Use

Powering the Device On/Off

Power the satellite receiver on by pressing the power button (1) on the device and then by pressing the On/Standby button (18) on the remote control. Pressing the On/Standby button (18) again will power the device back off. In this case the device switches to standby mode.

Selecting Channels

Using the Channel Up/Down Buttons

Press the navigation buttons ▲ or ▼ (23) on the remote control to skip to the previous or next channel.

Using the Numeric Buttons

Enter the desired channel number by using the numeric buttons (19).

Using the Program List

Press the OK button (34) to open the Program List. You can highlight the desired channel via the ▲ or ▼ navigation buttons (23). Press the OK button (34) to switch to the highlighted channel. Press the PG-/PG+ (35) to scroll through the channel list down or upwards. Press the FAVOR button (31) to open the list of your favourite channels.

Adjusting the Volume

Press the ◀ or ▶ navigation buttons (23) to adjust the volume of your digital receiver. Press the MUTE button (29) to mute or to restore the sound output

Helpful Special Functions

Press the TEXT button (32) to launch the Teletext view. Press the EPG button (24) to open the Electronic Programme Guide. If subtitles are available, press the SUB-T button (21) to show the subtitles. Press the TV/RADIO button (20) to toggle between TV and radio channels.

Info Button

The INFO button (25) lets you display information about the current programme. Press this button once to show information about the current and next programme. Press this button twice to show advanced information about the current programme, and press it three times to show information about the currently tuned-in frequency.

If you have a USB storage device connected and you have Timeshift enabled, pressing the INFO button (25) the first time will display the Timeshift status. The on-screen bar shows the current playback position since the time you switched to the current channel. You can then press the ◀ or ▶ navigation buttons (23) to go to any position on the blue bar and then press the OK button (34) to start playback from this position. Pressing the INFO button (25) twice displays the list of existing recordings. Press the ▲ or ▼ navigation buttons (23) to select the desired recording. Press the OK button (34) to play the selected recording.

One-Touch Recording

If you have connected a USB storage device you can press the REC button (38) to start recording at any time. Press the REC button (38) again to stop recording (if the information is not visible any more, press the REC button twice). Press the REC button (38) multiple times to change the recording time. It is also possible to enter the recording time directly via the numeric buttons (19),. The default value is 2 hours.

Operation

EPG - Electronic Program Guide

Your satellite receiver supports the Electronic Program Guide feature. Pressing the EPG button (24) will display programme information for individual or multiple channels. This gives you an overview of current programmes or any programmes for today and the coming days.

Please note that EPG information is broadcast only from channels being broadcast on a transponder.

To obtain EPG information from another channel, press the ▲ or ▼ navigation buttons (23) to switch to the desired channel.

EPG Info

You can display a short description about a programme. To do this, first use the navigation buttons (23) to select a programme from the programme overview. Then press the OK button (34) to show further information about the highlighted programme. Larger text passages can be scrolled through by pressing the ▲ or ▼ navigation buttons (23) or the PG+ or PG- buttons (35). Press the red button (27) or the EXIT button (33) to return to the EPG overview.

Schedule

Press the red button (27) to show a menu bar at the bottom of the screen. Use the ◀ or ▶ navigation buttons (23) to navigate within this bar and press OK (34) to confirm. The icons correspond to the following functions:

Closes the menu bar.

Skips to the current time within the time bar.

Skips to the previous programme within the time bar.

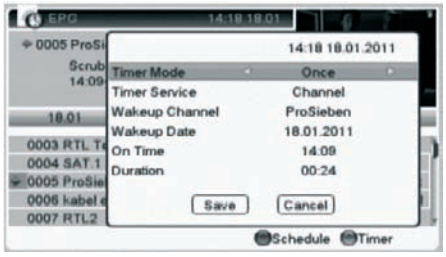
Skips to the next programme within the time bar.

Scrolls one page up.

Scrolls one page down.

Scrolls one day up.

Scrolls one day down.



EPG Timer

To open the timer mode, in EPG overview press the green button (26). The parameters of the highlighted programme will be added automatically to the timer. A new window will appear where you can customise these settings:

Timer Mode
The Timer Mode determines how often the timer will be activated: Once, Daily, Weekly or Monthly. Select "Off" to disable the timer completely.

Timer Service
Select "Channel" if you want to watch a specific programme. The satellite receiver will then switch to the selected channel at the set time. Select "Record" if you want to record the programme on the connected USB storage device.

Wakeup Channel
Here you can set a channel to be watched or recorded after the device is switched on.

Wakeup Date
Enter the desired power-on date via the numeric keys (19).

On Time
Enter the 4-digit start time of the programme via the numeric keys (19).

Duration
Enter the 4-digit duration of the programme via the numeric keys (19). For a programme that lasts 90 minutes, enter 01:30 (1 hours and 30 minutes).

While the timer is enabled, the device will not go to the energy-saving standby mode when powering it off. This is indicated by the time shown on the display, as long as it has not been disabled.

Programme Information

After powering on or switching to a different channel, an information window about the current programme will appear.

- Date/Time
- Channel name
- Programme title (current and next programme)
- Teletext available / not available
- EPG
- Subtitle
- HD icon for HDTV programmes
- Programme preset
- Satellite name and position
- Program List type (e.g. All Satellites, Favorite)

The amount and detail of displayed information depends on the channel provider. If no additional information about the programme is being broadcast, a corresponding notification (e.g. "No Information") will appear. You can close the information window at any time* by pressing the INFO button (25). You can change the timeout (1 to 10 seconds) for the notification (Menu (Expert Mode) | System Setup | OSD Setting). Note: If you can't access a specific channel, the favourite list is probably active. To select the desired list press the OK button (34) and then the navigation buttons ◀ or ▶ (23) until the desired overview shows up.

*not during Timeshift or while recording a programme!

Selecting Audio Channels

Some programmes are broadcast with multiple audio channels. These audio channels can be different audio languages or different radio channels. To select an audio channel or a language, press the AUDIO button (30). Use the ▲ or ▼ navigation buttons (23) to select the desired option from the list and then press EXIT (33) to hide it.
You can also use the ◀ or ▶ navigation buttons (23) to choose the left or the right audio channel. The default is Stereo sound. To be able to play Dolby Digital/AC3 sound, your TV set needs a specific decoder or you can connect your satellite receiver to an AC3-compatible amplifier.

Adjusting the Volume

To adjust the volume, press the ◀ or ▶ navigation buttons (23). To disable the sound immediately, press the MUTE button (29). To restore the sound, press this button again or press the ◀ or ▶ navigation buttons (23).

Selecting Channels

The increasing number of available channels unfortunately leads to ever greater confusion. Many channels target specific regional audiences (e.g. foreign language), other channels are scrambled and can only be viewed by paying a subscription and others may not lie within your field of interest. To organise the numerous channels available in the Program Lists there are different channel groups and sorting criteria. Accessing channels can be done in different ways:

Using the Numeric Buttons

If you know the programme preset where the desired channel has been stored in Program List you can recall this directly by entering it via the numeric buttons (19). After a few seconds, the satellite receiver will show the desired channel. TIP: You can press the LAST button (27) to toggle between the current and the last-viewed channel.

Using the Program List

You can show an overview of all stored channels by pressing the OK button (34). You can navigate this list via the ▲ or ▼ navigation buttons (23). Press the PG-/PG+ buttons (35) to scroll faster through the list. Once you have found the desired channel, press OK (34) to confirm and then press EXIT (33) to hide the list. An especially convenient way to access a specific channel is via channel groups. When opening the TV or Radio Channel List, you can use the ◀ or ▶ navigation buttons (23) to select the different groups. The group "All Satellites" will show all channels for all available satellites. To add a channel to the favourite list, open the "Edit Channel" menu. To locate a specific channel quickly, you can press the FIND button (28) to open the search field. Enter the letters of the channel you want to locate via the numeric buttons of the remote control. The left window will only show the channels matching the entered character sequence. As soon as you see the desired channel press the blue button (37) to skip to the left window where you can select the channel.

Displaying Subtitles

Some programmes are broadcast with subtitles, for instance for hearing-impaired persons or in different languages. Press SUB-T (21) to open the subtitle selection. Note: DVB subtitles are rarely broadcast and differ from common Teletext subtitles.

Teletext

Many channels broadcast additional information and services. Teletext pages are like "electronic magazines" allowing you to view news, sport, weather information, commercial offers and much more. The availability and content depends on the channel provider. Its start or Index page is always page number 100. On this page you will find an overview of the other pages. To enter a page number, always use 3 digits and use the coloured special function buttons (26, 27, 36 and 37). The currently-assigned function of these control buttons appears at the bottom of the Teletext window. Press EXIT (33) to exit the Teletext pages.

Enlarging the TV Picture

You can enlarge the TV picture by pressing the ZOOM button (36). Press the ZOOM button (36) multiple times to enlarge the picture as follows: x2, x4, x6, x8, x12, x16. Press the navigation buttons (23) to select the desired picture area. Press the EXIT button (33) to quit the Zoom function.

Appendix

Troubleshooting

No signal

No signal is shown on the device nor on the OSD menu signal indicators.

1. First check the antenna cable: The braided lead of the external wire and the aluminium film must have good contact with the F connector and must not touch the inner (centre) wire!
2. Check the LNB settings. For ASTRA satellite you should use LNB1. If you are using a digital LNB you will have to set 9750 MHz and 10600 MHz for the lower and higher frequencies. To further locate the problem we recommend that you temporarily connect the LNB directly to the receiver and do not use any switches or splitters.

Functional fault

1. The device shows the wrong broadcasting times in the EPG or shows the wrong time. Once powered on, the satellite receiver needs to read and process the channel data. Depending on the transponder, this can take some time. Sometimes it may be necessary to re-open the EPG or to switch the channel.
2. The device fails to respond. Unplug the power cord (17), wait several seconds and reconnect the power cord to try again.

Small number of channels

1. Make sure that you have enabled the correct Program List. To do this, press the OK button (34) to open the Program List. Press the ◀ or ▶ navigation buttons (23) to select the desired Program List (e.g. "All Satellites").
2. The antenna has been moved to the wrong satellite. When positioning the antenna you may receive satellite broadcasting on similar frequencies thereby causing the signal indicators of your satellite receiver to increase. When switching channel suddenly foreign channels or the message "No Signal!" appear. Normally it is sufficient to move the antenna a few degrees to the East or West in order to receive the desired channels.

No sound, distorted sound

1. If no sound or only interference can be heard, your TV set or AV receiver may not be capable of decoding Dolby Digital/AC3 audio via the HDMI port. Solution: Press the AUDIO button (30) to select Stereo sound. If the channel does not offer any stereo sound, connect the digital SPDIF audio output (16) to your Surround/AC3/Dolby Digital sound system.
2. If no sound can be heard, check if the MUTE function has been enabled. If the sound is muted, press the MUTE button (29) again to resume the sound output.
3. If the sound is very low or there is no sound at all, double-check the volume setting and, if necessary, increase the volume via the ▶ navigation button (23). Please also check the volume setting on your TV Set or your Hifi amplifier, if connected.

Technical Specifications

General

Dimensions (W x D x H)	266 x 170 x 40 mm
Weight	1090 g
Operating temperature	5 °C to 35 °C
Operating humidity	85 % rel. humidity
Input voltage	230VAC, 50Hz
Power consumption	Standby < 1W if no timer enabled < 6W with timer enabled
	Power on/off max. 28 W
Programme presets	3000
Display	4-digit
USB	2.0 standard port
Teletext	500 pages storage capacity
Common Interface	CI 1.0 standard
DiSEqC®	Compatibility: Version 1.0
Timers	max. 30 events

Outputs

HDMI video/audio out	19-pin (HDMI standard, Type A)
COMPONENT VIDEO OUT	(Y) 1.0 V (p-p), 75 Ohm, negative Sync., Cinch connector x 1 (PB)/(PR) 0,7 V (p-p), 75 Ohm, Cinch connector x 2
SCART	RGB; CVBS
Audio out (analogue)	Cinch connector (L, R)
Audio out (digital)	coaxial, Cinch connector x 1
Tuner Output Connector	1x F type

Tuner

Type	DVB-S/DVB-S2
Input Connector	1x F type
Frequency Range	950 MHz to 2,150 MHz
Input Impedance	75 Ohms
Signal Level	-25 to -65 dBm
LNB power and polarisation	Vertical: +14V ± 0.5V Horizontal:+18V ± 0.5V
22kHz sound	Frequency: 22kHz ± 2kHz
Demodulation	QPSK, 8PSK, H8PSK, 16APSK
Input Symbol Rate	2 - 45 MS/s
FEC Decoder	Convolutional Code Rate 1/2, 2/3, 3/4, 5/6 and 7/8

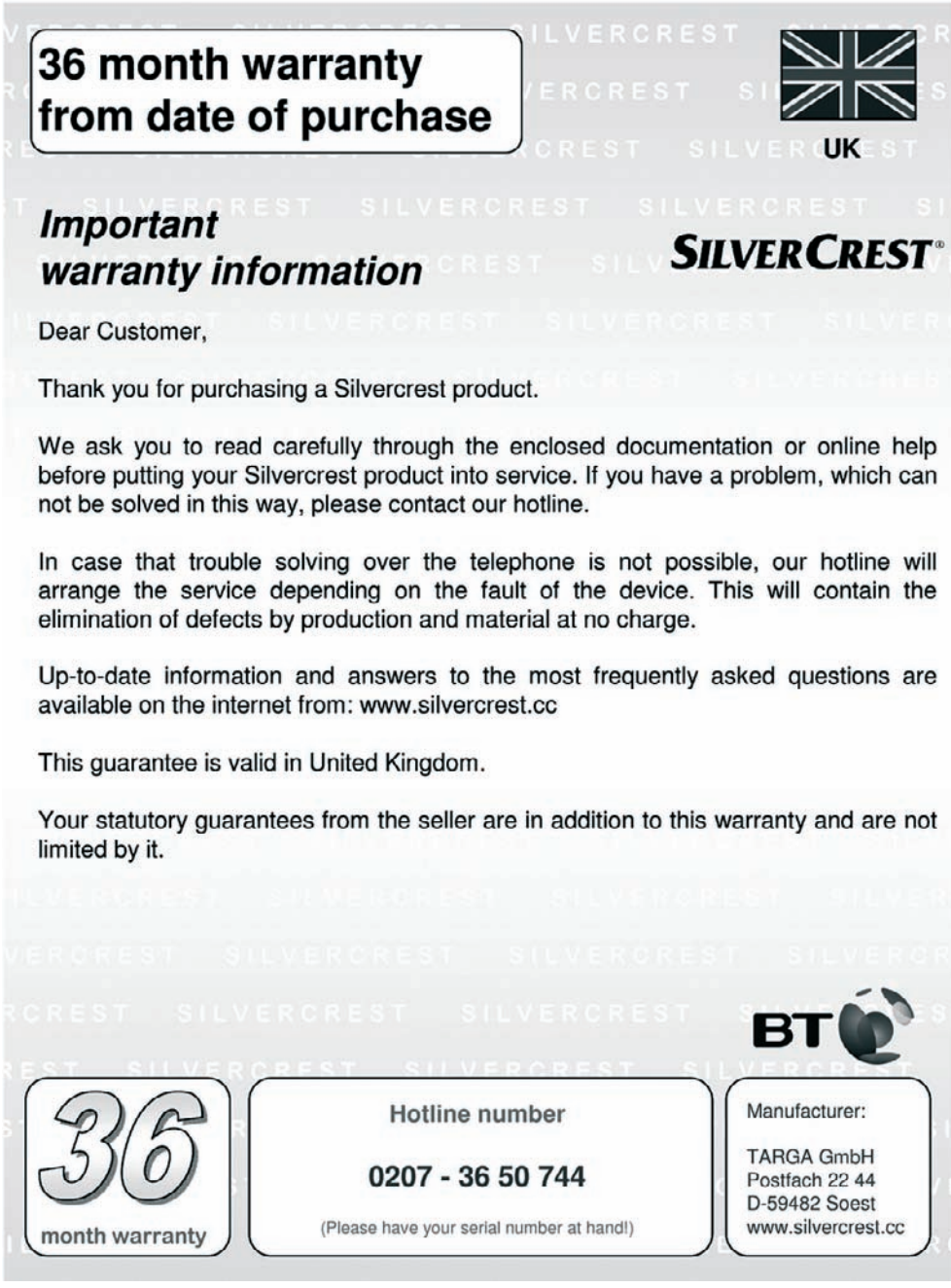
MPEG Transport Stream A/V Decoding

Transport Stream	MPEG-2 ISO/IEC 13818-1 MPEG-4 ISO/IEC 14496-10
Profile & Level	MPEG-2 MP @ HL MPEG-4 HP Level 4.2
Aspect Ratio	AUTO, 4:3 Pan & Scan, 4:3 Letter Box, 16:9
Teletext	DVB-TXT ETSI / EN 300 472

Remote control

Dimensions (W x D x H)	50 x 22 x 180 mm
Weight	65 g, without batteries
Operating voltage	2x 1.5V AAA-size batteries (Micro)
Range	Approx. 6 m

Warranty Information



36 month warranty from date of purchase

UK

Important warranty information

SILVERCREST®

Dear Customer,

Thank you for purchasing a Silvercrest product.

We ask you to read carefully through the enclosed documentation or online help before putting your Silvercrest product into service. If you have a problem, which can not be solved in this way, please contact our hotline.

In case that trouble solving over the telephone is not possible, our hotline will arrange the service depending on the fault of the device. This will contain the elimination of defects by production and material at no charge.

Up-to-date information and answers to the most frequently asked questions are available on the internet from: www.silvercrest.cc

This guarantee is valid in United Kingdom.

Your statutory guarantees from the seller are in addition to this warranty and are not limited by it.

BT

36 month warranty

Hotline number

0207 - 36 50 744

(Please have your serial number at hand!)

Manufacturer:

TARGA GmbH
Postfach 22 44
D-59482 Soest
www.silvercrest.cc

36 month warranty from date of purchase

Ireland

Important warranty information

SILVERCREST®

Dear Customer,

Thank you for purchasing a Silvercrest product.

We ask you to read carefully through the enclosed documentation or online help before putting your Silvercrest product into service. If you have a problem, which can not be solved in this way, please contact our hotline.

In case that trouble solving over the telephone is not possible, our hotline will arrange the service depending on the fault of the device. This will contain the elimination of defects by production and material at no charge.

Up-to-date information and answers to the most frequently asked questions are available on the internet from: www.silvercrest.cc

This guarantee is valid in Ireland.

Your statutory guarantees from the seller are in addition to this warranty and are not limited by it.

BT

36 month warranty

Hotline number

01 - 242 15 83

(Please have your serial number at hand!)

Manufacturer:

TARGA GmbH
Postfach 22 44
D-59482 Soest
www.silvercrest.cc

CE

EC Declaration of Conformity

Address:	Targa GmbH Lange Wende 41 59494 Soest, Germany
Product:	CI-HD Digital Receiver
Model:	SilverCrest SSR 1080A1

The product complies with the requirements of the following European directives:

2004/108/EC	Electromagnetic Compatibility
2006/95/EC	Low Voltage
2009/125/EC	Energy Related Products

Compliance was proved by the application of the following standards:

EMC:	EN 55013: 2001 +A1: 2003 +A2: 2006 EN 61000-3-2: 2006 EN 61000-3-3: 1995 +A1: 2001 +A2:2005 EN 55020: 2007
Safety:	EN 60065: 2002 +A1: 2006 +A11: 2008
ErP:	Regulation 1275/2008
Year of CE marking:	2010

Soest, 20th of December 2010

Matthias Klauke, Managing Director

CE

TARGA GmbH
Lange Wende 41
D-59494 Soest
www.silvercrest.cc